

*AMENDMENTS TO THE CLAIMS*

This listing of claims replaces all prior versions, and listings, of claims in the application.

1. (Currently Amended) ~~Modified~~ An isolated modified pyrroloquinoline quinone dependent glucose dehydrogenase (PQQGDH) consisting of SEQ ID NO: 1 except that

(a) the glutamine at position 168 is substituted with an amino acid other than glutamine, and

(b) the leucine at position 169 is substituted with an amino acid other than leucine wherein the modified PQQGDH has less dehydrogenase activity which has a lower action property on a disaccharide than wild type PQQGDH consisting of SEQ ID NO: 1 without any modifications.

2. (Currently Amended) The modified pyrroloquinoline quinone dependent glucose dehydrogenase (PQQGDH) according to claim 1, which has more ~~enhanced~~ thermal stability than the wild type PQQGDH.

3.-4. (Canceled)

5. (Withdrawn) A gene encoding the modified PQQGDH according to claim 1.

6. (Withdrawn) A vector comprising the gene according to claim 5.

7. (Withdrawn) A transformant transformed with the vector according to claim 6.

8. (Withdrawn) A method of producing modified PQQGDH characterized by culturing the transformant according to claim 7.

9. (Withdrawn) A glucose assay kit comprising the modified PQQGDH according to claim 1.

10. (Withdrawn) A glucose sensor comprising the modified PQQGDH according to claim 1.

11. (Withdrawn) A method of measuring glucose comprising the modified PQQGDH according to claim 1.

12.-18. (Canceled)